

## Original Work Presentation

Weekly Report 2/12/17 to 2/18/17

This past week in ISM was quite an eventful one as we were responsible for having to present our original work to an audience of our peers. Throughout the week we had to work on preparing a presentation and speech in which we would have to describe in detail what exactly our original work was and how this would or wouldn't tie into our final product and future research. For my presentation, this meant having to explain my research done with 3D printing and CNC machining which I focused on in my original work. I explained how the original work used both CNC machined and 3D printed parts while also showing some of the limitations with each manufacturing process. I also explained how I had used CAD modeling to create the parts while I had to use CAM software for the actual creation of the parts. In addition to explaining my research and original work, I also had to explain how the original work would tie into my final product which would also be related to 3D printing. I explained how I wanted to expand upon the rapid prototyping aspects of 3D printing and drop the CNC machining factor all together as I felt that CNC machining did not have the growing presence that 3D printing has. For my final product I also wanted to try and embark on something more ambitious than my original work and try and demonstrate some more functional application of 3D printed parts rather than just focusing on one specific application. In the coming weeks, I will have to begin really pushing to work on my final product and start adhering to the schedule I have set for myself.